

Effect of foliar feeding of liquid organic manures on yield and economics of rice

T. Saranraj

Received April 15, 2016 and Accepted July 20, 2016

ABSTRACT : Field experiments were conducted at Annamalai University, Annamalainagar to study the effect of foliar feeding of liquid organic manures on yield and economics of rice during *Rabi* 2012 (January to April) and *kharij* 2012 (June to September). The experiments were laid out in randomized block design with three replications. There were eleven treatments involving panchakavya, fish amino acid and vermiwash sprayed at different concentrations and time. The results revealed that foliar application of vermiwash @ 5 % at tillering and flowering stages resulted in significantly higher number of grain and straw yield, followed by fish amino acid @ 3 % at tillering and flowering. Foliar application of vermiwash @5% at tillering and flowering recorded significantly higher net return and B : C ratio.

Key Words: Panchakavya, vermiwash, fish amino acid, rice yield, economics.